



[Document Name] ABSTRACT

[Abstract]

[Object] The provision of a novel gelling agent using a functional amino acid compound having a molecular structure that a tetrathiafulvalene component has been introduced and a method for producing thereof, and, the provision of a novel liquid crystal composition, in which a fibrous aggregate formed by a gelling agent is formed in a state controlled by the orientated state of a liquid crystal compound at a condition that the liquid crystal compound has been orientated in one direction, the provision of a novel charge transfer complex which can be suitably used as a gelling agent.

[Means of solving the problems] Disclosed herein are a gelling agent composed of a functional amino acid compound having a tetrathiafulvalenyl group, and a production method of a gelling agent, comprising reacting a tetrathiafulvalene derivative with an amino acid derivative in the presence of 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride and 4-(N,N-dimethylamino)pyridine to obtain a functional amino acid compound having a tetrathiafulvalenyl group.

[Representative Drawing] None

## ABSTRACT OF THE DISCLOSURE

Disclosed herein are a gelling agent composed of a functional amino acid compound having a

5 tetrathiafulvalenyl group, and a production method of a gelling agent, comprising reacting a tetrathiafulvalene derivative with an amino acid derivative in the presence of 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride and 4-(N,N-dimethylamino)pyridine to obtain

10 a functional amino acid compound having a tetrathiafulvalenyl group.